

EAST Search History

S1	100	(US-20050169119-\$ or US-20030012109-\$ or US-20030198151-\$ or US-20010050338-\$ or US-20030123044-\$ or US-20050099609-\$ or US-20060103808-\$).did. or (US-5592460-\$ or US-5901122-\$ or US-5347366-\$ or US-4919511-\$ or US-6344936-\$ or US-4445209-\$ or US-3555280-\$ or US-5189464-\$ or US-5414681-\$ or US-5620766-\$ or US-6320837-\$ or US-5199013-\$ or US-4302830-\$ or US-4516159-\$ or US-4775967-\$ or US-5218596-\$ or US-7079464-\$ or US-4904855-\$ or US-5870635-\$ or US-5249010-\$ or US-4931820-\$ or US-5012267-\$ or US-5790901-\$ or US-5805941-\$ or US-5859417-\$ or US-4367010-\$).did. or (US-4572642-\$ or US-4818865-\$ or US-4935763-\$ or US-5181144-\$ or US-5331143-\$ or US-5396336-\$ or US-5463442-\$ or US-5504350-\$ or US-3788731-\$ or US-4294506-\$ or US-4300156-\$ or US-4314154-\$ or US-4419581-\$ or US-4537483-\$ or US-4592625-\$ or US-4633077-\$ or US-4784487-\$ or US-4812030-\$ or US-4828383-\$ or US-4900911-\$ or US-5214485-\$ or US-5249033-\$ or US-5249057-\$ or US-5267012-\$ or US-5287338-\$ or US-5291093-\$ or US-5307175-\$).did. or (US-5353077-\$ or US-5422699-\$ or US-5438190-\$ or US-5440340-\$ or US-5512804-\$ or US-5539481-\$ or US-5771408-\$ or US-5818155-\$ or US-6069651-\$ or US-6115191-\$ or US-6166483-\$ or US-6339564-\$ or US-6353282-\$ or US-6462874-\$ or US-6476955-\$ or US-6650401-\$ or US-6677585-\$ or US-7165849-\$ or US-4838675-\$ or US-5670064-\$ or US-5239170-\$ or US-4977425-\$ or US-5448295-\$ or US-4763004-\$ or US-4933553-\$ or US-5331370-\$ or US-5343013-\$).did. or (US-5982476-\$ or US-4456821-\$ or US-4593705-\$ or US-4382337-\$ or US-4550623-\$ or US-4795411-\$ or US-4838076-\$ or US-4906881-\$ or US-4938729-\$ or US-5060764-\$ or US-5345140-\$ or US-5396837-\$ or US-5669133-\$).did.	US-PGPUB; USPAT	OR	ON	2007/04/13 14:41
4/27/2007 10:54:22 AM C:\Documents and Settings\B Coleman\My Documents\EAST\Workspaces\10767192.wsp						

EAST Search History

S2	22511	voice near2 coil	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:10
S3	13774	(lens near5 mov\$3) with (distance amount range)	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:06
S4	47	(lens near5 mov\$3) with ((distance amount range) near10 (optim\$5 near2 focus))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:56
S5	1	S2 same S4	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:09
S6	2	coil same S4	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:13
S7	920	(lens near5 (slid\$3 position\$3 mov\$3)) same ((distance amount range) near10 (optim\$5))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:16
S8	897	((sum near2 signal) near10 (optim\$5 focus))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:27
S9	3	((sum near2 signal) near10 (coil near2 gain))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:28
S10	4	((sum near2 signal) with (coil near2 gain))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:28
S11	22511	voice near2 coil	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:44
S12	2939	((chang\$3 adjust\$3 difference) near2 (coil near3 volt\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:45
S13	1	S4 and S12	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:47
S14	23	S3 and S12	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:47
S15	1	S14 and ((S3 same (optim\$5 near2 focus)) or (S12 same (optim\$5 near2 focus)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 16:59
S16	90	((S3 same (optim\$5 near2 focus)) or (S12 same (optim\$5 near2 focus)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 17:02

EAST Search History

S17	0	((S3 same (optim\$5 near2 focus)) and (S12 same (optim\$5 near2 focus)))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 17:03
S18	0	(S12 same (optim\$5 near2 focus))	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 17:03
S19	2	("3101440").PN.	EPO	OR	OFF	2007/04/13 14:42
S20	634689	calibrat\$6 or initializ\$9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/17 09:44
S21	1461380	offset or gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/17 09:44
S22	1465043	coil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/17 09:44
S23	11105	focus\$5 near2 servo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/17 09:45
S24	887419	(cd dvd cdrom ((compact optical digital) near2 (disc disk medium)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/17 09:46
S25	0	(S20 near10 S21 near10 S22) and (S24 near10 "6")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 10:00
S26	321473	label	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/17 09:46
S27	2	(S20 near10 S21 near10 S22) and (S24 near10 S26)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/17 10:00

EAST Search History

S28	0	(S20 near10 S21 near10 S23) and (S24 near10 S26)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/17 09:47
S29	62	(S20 near10 S21 near10 (S22 or S23)) and (S24)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/17 10:03
S30	968	(369/44.29).cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/17 09:59
S31	62	((S20 near10 (S22 or S23)) and (S24)) and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/17 10:00
S32	36	S31 not S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/17 10:00
S33	634689	calibrat\$6 or initializ\$9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/17 14:36
S34	1465043	coil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/17 14:36
S35	11105	focus\$5 near2 servo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/17 14:36
S36	887419	(cd dvd cdrom ((compact optical digital) near2 (disc disk medium)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/17 14:36
S37	968	(369/44.29).cccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/17 14:36

EAST Search History

S38	62	((S33 near10 (S34 or S35)) and (S36)) and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/17 14:37
S39	321473	label	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/17 14:37
S40	1	((S33 near10 (S34 or S35)) and ((S36 near S39) or (S36 same S39))) and S37	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/18 09:44
S41	1	("2002191517") or ("4967404").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 11:30
S42	0	2002/191517	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 09:45
S43	1	("20040161257").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 13:39
S44	4	((("5831953") or ("5748607") or ("5504688") or ("6046970")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/18 15:24
S45	15126	feed adj forward	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/18 15:24
S46	968	(369/44.29).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:25
S47	61	S45 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/18 15:58
S48	634689	calibrat\$6 or initializ\$9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/18 16:01

EAST Search History

S49	1461380	offset or gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/18 16:01
S50	1465043	coil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/18 16:01
S51	11105	focus\$5 near2 servo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/18 16:01
S52	605	(determin\$3 find\$3 set\$3 or S48) near5 ((S51 S50) near5 S49)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/18 16:02
S53	59	S52 and S46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/18 16:02
S54	968	(369/44.29).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 09:32
S55	635342	calibrat\$6 or initializ\$9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 09:32
S56	1462459	offset or gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 09:32
S57	1465458	coil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 09:32
S58	11112	focus\$5 near2 servo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 09:32

EAST Search History

S59	605	(determin\$3 find\$3 set\$3 or S55) near5 ((S58 S57) near5 S56)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 09:44
S60	59	S59 and S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 09:33
S61	242303	(every all whole entire) near3 (disk area location)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 09:40
S62	39	S59 and S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 09:38
S63	1	S59 near10 S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 09:39
S64	2	S59 same S61	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 09:59
S65	3902	((every all each whole entire) near3 ((position region area location) near4 (disc disk)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 08:56
S66	0	S59 near10 S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 09:41
S67	0	S59 same S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 09:41
S68	1341	((every all each) near3 ((position region area location) near4 (whole entire disc disk)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 13:37

EAST Search History

S69	24505	(whole entire) near3 (disc disk)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 09:42
S70	0	S59 near10 (S68 S69)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 09:43
S71	0	S59 same (S68 S69)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 09:43
S72	0	((determin\$3 find\$3 set\$3 or S55) with ((S58 S57) near5 S56)) same (S68 S69)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 09:44
S73	2	((S57 S58) near10 S56) near10 (S68 S69)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 10:02
S74	1	((S57 S58) near5 S56) near10 (S68 S69)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 10:03
S75	4	((S57 S58) near5 S56) same (S68 S69)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 10:04
S76	2	((S57 S58) near5 S56) with (S68 S69)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 13:39
S78	2327	((every all each) near3 (position region area location)) near10 (whole entire disc disk)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 13:38
S79	1462459	offset or gain	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 13:39

EAST Search History

S80	1465458	coil	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 13:39
S81	11112	focus\$5 near2 servo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 13:39
S82	0	((S80 S81) near5 S79) with S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 13:40
S83	0	((S80 S81) near5 S79) near10 S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 13:40
S84	9289	((S80 S81) near5 S79)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 13:40
S85	0	S84 same S78	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/19 13:40
S86	58047	(every all each whole entire) near10 (disc disk)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 09:30
S87	968	(369/44.29).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 09:02
S88	191	S86 and S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 09:21
S89	133	S88 not (S86 near5 (drive apparatus))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 09:23

EAST Search History

S90	120	S88 not (S86 near5 (drive apparatus device))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 09:31
S91	122575	(every all each whole entire) near10 (disc disk medium media)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 09:31
S92	217	S91 and S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 09:31
S93	146	S92 not (S86 near5 (drive apparatus device))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/04/24 13:55
S94	0	2002/0150005	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/26 09:23
S95	1	"20020150005"	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/26 09:24